

VOLUME 1. GENERAL CONCEPTS, DIRECTION, GUIDANCE, AND DEFINITIONS

CHAPTER 1. HANDBOOK ORGANIZATION, USE, AND REVISION

SECTION 5. ACRONYMS AND ABBREVIATIONS

39. GENERAL. Many acronyms and abbreviations for both old as well as new aviation terms are used throughout this handbook. Inspectors can refer to the following alphabetical listing of frequently used acronyms and abbreviations and their meanings when using this handbook.

AC	Advisory Circular	ARA	Airborne Radar Approach
ACAT	Air Carrier Assessment Tool	ARFF	Aircraft Rescue and Firefighting
ACARS	Air-Ground Passive Communications Systems	ARINC	Aeronautical Radio, Inc.
ACB	Airmen Certification Branch	ASA	Aviation Safety Assistant
ACDE	Air Carrier Designated Examiner	ASAP	Aviation Safety Action Program
ACO	Aircraft Certification Office	ASDE	Airport Surface Detection Equipment
ACDE	Air Carrier Designated Examiner	ASHP	Aviation Safety and Health Program
AD	Airworthiness Directive	ASI	Aviation Safety Inspector
ADE	Aircrew Designated Examiner	ASOS	Automated Surface Observation System
ADF	Automatic Direction Finder	ASR	Airport Surveillance Radar
ADR	Advisory Route	AST	Aviation Safety Technician
ADS-B	Automatic Dependent Surveillance-Broadcast	ATA	Air Transport Association of America
AEG	Aircraft Evaluation Group	ATC	Air Traffic Control
AEM	Area Equivalent Method	ATCO	Air Taxi/Commercial Operator
AES	Automated Exemption System	ATD	Advanced Training Device
AFCGS	Automatic Flight Control Guidance System	ATIS	Automatic Terminal Information Service
A/FD	Airport/Facility Directory	ATOS	Air Transportation Oversight System
AFE	Above Field Elevation	ATP	Airline Transport Pilot
AFGS	Auto Flight Guidance System	ATS	Air Traffic Service
AFM	Airplane Flight Manual	AVN	Aviation Standards National Field Office
AFS-1	Director of Flight Standards Service	AVR-1	Associate Administrator for Regulation and Certification
AFSS	Automated Flight Service Station	AVS-1	Associate Administrator for Aviation Standards
AFTN	Aeronautical Fixed Telecommunications Network	AWOS	Automated Weather Observing System
AGC	Office of the Chief Counsel	AWTA	All Weather Terminal Area Operation
AGL	Above Ground Level	AXR-1	Executive Director for Standards and Compliance
AH	Alert Height for Category III Operations	AZI	Azimuth Instrument Approach
AIA	Office of International Aviation	BAZ	Back Azimuth
AIM	Airman's Information Manual	CAA	Civil Aeronautics Administration
AIP	Aeronautical Information Publication	CAB	Civil Aeronautics Board
AIRMET	Airman's Meteorological Information	CAD	Continuous ATOS Development
ALPA	Airline Pilots Association International	CAM	Civil Aviation Manual
AMM	Aircraft Maintenance Manual	CAMP	Continuous Airworthiness Maintenance Program
AOPA	Aircraft Owners and Pilots Association	CAN	Center Area NOTAM
APD	Aircrew Program Designee	CAR	Civil Aviation Regulation
APM	Aircrew Program Manager	CBI	Computer-Based Instruction
APU	Auxiliary Power Unit	CCO	Cockpit Cutoff Angle
AQP	Advanced Qualification Program		
AR	Airborne Radar		

CDL	Configuration Deviation List	ETA	Estimated Time of Arrival
CDTI	Cockpit Display of Traffic	ETE	Estimated Time En Route
CDU	Communications Display Unit	ETOPS	Extended-Range Operations with Two-Engine Airplanes
CDV	Challenge-Do-Verify	EWINS	Enhanced Weather Information System
CEP	Central East Pacific	F/A	Flight Attendant
CEPAC	Central East Pacific (Airspace)	FA	Forecasts Area
CFI	Certificated Flight Instructor	FAA	Federal Aviation Administration
CFM	Company Flight Manual	FA Act	Federal Aviation Act of 1958
CFR	Code of Federal Regulations	FAF	Final Approach Fix
CG	Center of Gravity	FAR	Federal Aviation Regulations
CHDO	Certificate Holding District Office	FBO	Fixed Base Operator
CIG	Component Inoperative Guide	FD	Flight Director
CL	Centerline Lights	FDE	Fault Detection and Exclusion
CMO	Certificate Management Office	FE	Flight Engineer
CMT	Certificate Management Team	FIAO	Flight Inspection Area Office
CMU	Communications Management Unit	FIFO	Flight Inspection Field office
CPDL	Controller Pilot Data Link Communication	FIR	Flight Information Region
CPM	Certification Project Manager	FL	Flight Level
CRAF	Civil Reserve Aviation Fleet	FMF	Flight Movement Forecast
CRM	Crew Resource Management	FMRB	Flight Manual Review Board
CSET	Certification, Standardization, and Evaluation Team	FMS	Flight Management System
CSI	Cabin Safety Inspector	FOD	Foreign Object Damage
CSP	Comprehensive Surveillance Plan	FOEB	Flight Operations Evaluation Board
CTAF	Common Traffic Advisory Frequency	FOIA	Freedom of Information Act
CVFP	Charted Visual Flight Procedures	FONSI	Finding Of No Significant Impact
DA	Density Altitude	FOPB	Flight Operations Policy Board
DBA	Doing Business As	FOPM	Flight Operations Policy Manual
DEPM	Data Evaluation Program Manager	FPB	Regional Flight Procedures Branch
DFEE	Designated Flight Engineer Examiner	FSAIC	Flight Standards Safety Analysis Information Center
DGPS	Differential Global Positioning System	FSAS	Flight Standards Automation System
DH	Decision Height	FSAT	Flight Standards Information Bulletin for Air Transportation (FSAT) (also mentioned as FSIB)
DIS	Dynamic Information System	FSB	Flight Standardization Board
DME	Distance Measuring Equipment	FSDO	Flight Standards District Office
DNL	Decibel Noise Level	FSIB	Flight Standards Information Bulletin for Air Transportation (FSAT)
DO	Director of Operations	FSIS	Flight Standards Information System
DOD	Department of Defense	FSNFO	Flight Standards National Field Office
DOL	Department of Labor	FSS	Flight Service Station
DOR	Dynamic Observation Report	FT	Forecast Terminal
DOT	Department of Transportation	FTD	Flight Training Device
DPA	Decision Point Altitude	FTE	Flight Technical Error
DPE	Designated Pilot Examiner	GCNP-SFRA	Grand Canyon National Park-Special Flight Rules Area
DR	Dead Reckoning	GLS	GPS Landing System
DUAT	Direct User Access Terminal	GMM	General Maintenance Manual
DWFAF	Downwind Final Approach Position	GNSS	Global Navigation Satellite System
EA	Environmental Assessment	GOM	General Operations Manual
EAP	Employee Assistance Program	GPS	Global Positioning System
EFB	Electronic Flight Bag	GS	Groundspeed
EIR	Enforcement Investigation Report	GS GC	Ground School Graduation Certificate
EIS	Enforcement Information Subsystem	GTD	Ground Training Device
EIS	Environmental Impact Statement	HAA	Height Above Airport (Non-precision approach)
EMS	Emergency Medical Service		
EPI	Element Performance Inspection		
ERC	Event Review Committee		
EPR	Exhaust Pressure Ratio		
ER-OPS	Extended-Range Operations		
ERT	Extended Review Team		

HAT	Height Above Touchdown (Precision approach)	LOS	Line-Operational Simulation
HAZMAT	Hazardous Materials	LRA	Lowest Radar Altitude
HBAT	Flight Standards Handbook Bulletin for Air Transportation	MALS	Medium Intensity Approach Light System
HEDA	Helicopter En Route Descent Area	MAP	Missed Approach Point
HEMES	Helicopter Hospital Emergency Medical Evacuation Service	MCT	Maximum Continuous Thrust
HF	High Frequency	MDA	Minimum Descent Altitude (nonprecision approach)
HGS	Heads-Up Guidance System	MDPR	Master Differences Program Requirement
HIRL	High Intensity Runway Light	MEL	Minimum Equipment List
HMR	Hazardous Materials Regulation	MF	Medium Frequency
HQ	Headquarters	MHz	Megahertz
HUD	Heads-Up Display	MID	Mid Runway Rollout
IAEA	International Atomic Energy Agency	MIDO	Manufacturing Inspection District Office
IAP	Instrument Approach Procedure	MIRL	Medium Intensity Runway Light
IAS	Indicated Airspeed	MLS	Microwave Landing System
IATA	International Airport Transport Association	MM	Maintenance Manuals
IAW	In Accordance With	MMEL	Master Minimum Equipment List
ICAO	International Civil Aviation Organization	MNPS	Minimum Navigation Performance Specification
ICAW	Instructions for Continued Airworthiness	MOU	Memorandum of Understanding
IDE	Independent Designated Examiner	MRB	Maintenance Review Board
IF	Intermediate Approach Fix	MSG	Maintenance Steering Group
IFO	International Field Office	MSL	Mean Sea Level
IFR	Instrument Flight Rules	MTOW	Maximum Takeoff Weight
ILS	Instrument Landing System	NAO	Noise Abatement Officer
IM	Inner Marker	NAPD	Noise Abatement Departure Profile
IMC	Instrument Meteorological Conditions	NAS	National Airspace System
IMLS	Instrument Microwave Landing System	NASA	National Aeronautics and Space Administration
INM	Integrated Noise Model	NAT	North Atlantic Track
INS	Inertial Navigation System	NATA	National Air Transportation Association
IOC	Initial Operating Capability	NAT-OPS	North Atlantic Area of Operations
IOE	Initial Operating Experience	NAVAID	Navigational Aid
IRA	Instrument Rating Airplane	NCT	National Certification Team
IRS	Inertial Reference System	NDB	Nondirectional Beacon
IRU	Inertial Reference Unit	NEPA	National Environmental Policy Act
ISARP	International Standard and Recommended Practice	NFDC	National Flight Data Center
ISIS	Integrated Safety Information System	NFDD	National Flight Data Digest
JAA	Joint Aviation Authority	NM	Nautical Mile
JAD	Job Aid Disk	NOAA	National Oceanic and Atmospheric Administration
JAR	Joint Aviation Requirements	NOPAC	North Pacific
JTA	Job Task Analysis	NOS	National Ocean Service
km	Kilometer	NOTAM	Notice to Airmen
LAN	Local Area Network	NPG	National Program Guidelines
LAWRS	Limited Aviation Weather Reporting System	NPRM	Notice of Proposed Rule-making
LDA	Localizer-Type Directional Aid	NSPM	National Simulator Program Manager
LF	Low Frequency	NST	National Standardization Team
LIRL	Low Intensity Runway Light	NTSB	National Transportation Safety Board
LLWS	Low-Level Windshear	NWS	National Weather Service
LNAV	Lateral Navigation	OAT	Outside Air Temperature
LOA	Letter of Authorization	OC	Obstruction Chart
LOE	Line-Operational Evaluation	OCA	Obstacle Clearance Altitude
LOFT	Line-Oriented Flight Training	OCH	Obstacle Clearance Height
LOI	Letter of Investigation	OCL	Obstacle Clearance Limit
LOP	Line of Position	ODS	Obstruction Data Sheet
LORAN	Long-Range Navigation	OE	Operating Experience

OIG	Office of the Inspector General	RWBC	Regional Whistleblower Coordinator
OJT	On-the-Job Training	SA	Selective Availability
OpSpecs	Operations Specifications	SAI	Safety Attribute Inspection
OPSS	Operations Specifications Subsystem	SAFE	Aviation Safety Analysis and Functional Evaluation
ORA	Operations Research Analyst	SALS	Short Approach Light System
OSAP	Offshore Standard Approach Procedure	SARA	Special Airport/Route Authorization
OSHA	Occupational Safety and Health Administration	SAT	System Analysis Team
OST	Office of the Secretary of Transportation	SATCOM	Satellite Communications
OTNA	Operational Training Needs Assessment	SAWRS	Supplementary Aviation Weather Reporting Station
PAI	Principal Avionics Inspector	SDE	School Designate Examiner
PANS-OPS	Procedures for Air Navigation Services Aircraft Operations	SEC	Special Enforcement Consideration
PAR	Precision Approach Radar	SEIFR	Single Engine Instrument Flight Rules
PASI	Preapplication Statement of Intent	SFAR	Special Federal Aviation Regulations
PASS	Professional Airways Systems Specialists	SIAP	Standard Instrument Approach Procedure
PATCO	Professional Air Traffic Controllers Organization	SIC	Second-in-Command
PATWAS	Pilots Automatic Telephone Weather Answering Service	SID	Standard Instrument Departure
PCA	Positive Control Area	SIGMET	Significant Meteorological Information
PCB	Production Certification Board	SIM	Flight Simulator
PIC	Pilot-in-Command	SIP	Surveillance Improvement Process Team
PIREP	Pilot Weather Report	S-LRCS	Single Functional Long-Range Communications System
PF	Pilot Flying	S-LRNS	Single Long-Range Navigation System
PKI	Public Key Infrastructure	SM	Statute Mile
PMI	Principal Maintenance Inspector	SMGCS	Surface Movement Guidance and Control System
PMMEL	Proposed Master Minimum Equipment List	SOE	Supervised Operating Experience
PNF	Pilot Not Flying	SPAS	Safety Performance Analysis System
POI	Principal Operations Inspector	SPO	Supporting Proficiency Objectives
POM	Pilot Operating Manual	SPOT	Special Purpose Operational Training
PRD	Planned Redispach	SRR	Specific Regulatory Requirement
PRIA	Pilot Records Improvement Act	STAR	Standard Terminal Arrival
PRM	Precision Runway Monitor	STC	Supplemental Type Certificate
PRR	Planned Rerelease	STOL	Short Takeoff and Landing
PPM	Partial Program Manager	SVT	Single-Visit Training
PSI	Principal Security Inspector	SYSOP	Systems Operator
PTRS	Program Tracking and Reporting Subsystem	TACAN	Tactical Air Navigational Aid
PTS	Practical Test Standards	TAS	True Airspeed
QICP	Qualified Internet Communications Provider	TBD	To Be Developed
RAA	Regional Airline Association	TC	Type Certificate
RAIM	Receiver Autonomous Integrity Monitoring	TC	Team Coordinator
RCH	Runway Crossing Height	TCAS	Traffic Alert and Collision Avoidance System
RCLM	Runway Centerline Marking	TCDS	Type-Certificated Data Sheet
RFM	Rotorcraft Flight Manual	TCE	Training Center Evaluator
RFSD	Regional Flight Standards Division	TCE-AC	Training Center Evaluator-Air Carrier
RFT	Recurrent Flight Training	TCH	Threshold Crossing Height
RMA	Radar Minimum Altitude	TCO	Training Course Outline
RNAV	Area Navigation System	TCPM	Training Center Program Manager
RNP	Required Navigation Performance	TDZ	Touchdown Zone
ROC	Regional Operations Center	TERPS	Terminal Instrument Procedures
RSI	Remote Site Inspector	TLS	Transponder Landing System
RTCA	Radio Technical Commission for Aeronautics	TPO	Terminal Proficiency Objectives
RVO	Runway Visibility by Observer	TSA	Transportation Security Administration
RVR	Runway Visual Range	TSO	Technical Standard Order
RVSM	Reduced Vertical Separation Minimum	TWEB	Transcribed Weather Broadcast
RVV	Runway Visibility Value	UHF	Ultra High Frequency

UNICOM Aeronautical Advisory Station
USC United States Code
USNOF United States NOTAM Office
UTC Coordinated Universal Time
VASI Visual Approach Slope Indicator
VDR VHF Digital Radio
VERTOL Vertical Takeoff and Landing
VFR Visual Flight Rules
VHF Very High Frequency
VIS Vital Information Subsystem
VLF Very Low Frequency
VMC Visual Meteorological Conditions
VNAV Vertical Navigation

VNP Virtual Private Network
VOR Very High Frequency Omnidirectional Range Station
VOR/DME VHF Omnidirectional Range Station/Distance Measuring Equipment
VORTAC VHF Omnidirectional Range Station/Tactical Air Navigation
VSI Vertical Speed Indicator
WAAS Wide Area Augmentation System
WBPP Whistleblower Protection Program

40. RESERVED.

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